

MONTHLY BULLETIN
OF
THE OBSERVATORY
AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

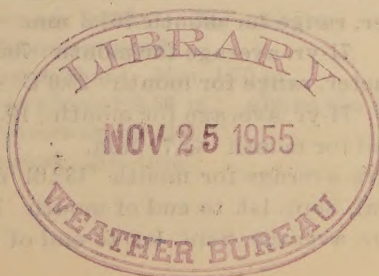
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

NOVEMBER 1950

ROBERT W. SLOANE, DIRECTOR

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NOVEMBER 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.9	59.7	58.1	59.6	25.0	20.5	22.4	24.3	22.8	23.2
2	62.0	61.5	62.1	61.9	23.9	18.4	21.8	23.2	19.6	21.5
3	62.6	61.6	61.9	62.0	24.0	18.3	21.5	22.8	20.8	21.7
4	62.0	61.5	61.7	61.7	23.2	18.4	20.5	22.4	21.0	21.3
5	62.0	61.0	61.3	61.4	23.1	19.2	20.7	22.5	20.9	21.4
6	61.9	60.8	61.4	61.4	24.1	19.7	21.5	23.5	21.0	22.0
7	61.9	60.7	60.9	61.2	24.4	18.9	22.4	23.6	20.8	22.3
8	61.4	59.8	60.0	60.4	23.0	19.5	21.2	22.6	20.5	21.4
9	60.8	60.2	61.3	60.8	22.6	18.9	21.5	22.2	20.5	21.4
10	62.4	61.3	62.4	62.0	20.9	18.1	19.4	20.1	18.7	19.4
11	62.3	60.6	60.5	61.1	22.9	18.4	20.2	22.5	21.1	21.3
12	61.1	60.2	60.3	60.5	23.6	19.8	21.3	23.3	20.5	21.7
13	60.1	59.1	60.7	60.0	24.0	16.8	21.5	23.7	21.7	22.3
14	63.3	61.2	62.3	62.3	20.5	15.6	16.8	20.2	18.3	18.4
15	62.0	60.3	60.1	60.8	21.6	14.9	18.6	21.1	20.0	19.9
16	60.4	61.2	61.9	61.2	19.3	13.9	16.4	17.3	18.9	17.5
17	62.3	61.5	60.0	61.3	21.3	15.3	18.8	20.7	16.8	18.8
18	64.2	63.6	64.0	63.9	20.8	16.4	17.8	20.5	18.2	18.8
19	64.2	63.1	63.3	63.5	20.6	16.7	18.5	20.2	17.2	18.6
20	62.7	61.2	60.8	61.6	20.8	17.7	18.1	20.5	18.5	19.0
21	59.9	59.3	59.7	59.6	22.8	19.1	20.5	22.4	22.2	21.7
22	61.5	60.7	60.7	61.0	22.4	16.9	20.9	21.7	18.9	20.5
23	61.0	60.9	61.5	61.1	21.2	16.6	18.6	20.0	18.2	18.9
24	61.6	61.0	61.5	61.4	20.6	15.6	17.8	20.2	18.2	18.7
25	62.8	61.8	62.7	62.8	20.9	14.3	17.8	20.5	17.2	18.5
26	63.4	62.7	63.5	63.2	20.2	15.9	16.7	18.6	16.5	17.3
27	63.9	63.6	64.2	63.9	20.5	15.8	17.4	20.1	16.5	18.0
28	64.2	63.0	62.7	63.3	21.6	14.8	19.7	20.1	17.8	19.2
29	61.3	60.0	59.8	60.4	20.4	14.6	15.2	16.1	16.5	16.0
30	59.3	59.8	60.8	60.0	19.2	13.6	17.8	14.6	14.7	15.7
31										
	61.98	61.09	61.40	61.51	21.98	17.09	19.44	21.05	19.15	19.88

Barometer, range for month 761.2 mm. — 758.1 mm.

„ 71-yr. average for month 762.63 mm.

Thermometer, range for month 25.0°C — 13.6°C

„ 71-yr. average for month 19.85°C.

Rain total for month 41.70 mm.

„ 71-yr. average for month 132.61 mm.

„ Total, Sept. 1st. to end of month 138.94 mm.

„ 71-yr. average, Sept. 1st. to end of month 188.82 mm

NOVEMBER, 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.0	20.5	19.9	19.5	66	67	71	68	9.2	105.0	
2	16.3	17.1	15.6	16.3	62	60	71	64	9.0	129.0	
3	13.9	19.9	17.6	17.1	54	72	72	66	8.7	175.0	
4	18.0	18.0	19.5	18.5	75	68	77	73	6.8	158.0	
5	17.6	20.5	18.9	19.0	72	74	79	75	9.5	240.0	
6	21.4	21.4	22.5	21.8	84	74	91	83	8.9	142.0	
7	22.6	24.1	22.9	23.2	83	82	95	87	9.2	90.0	
8	21.3	22.4	19.9	21.2	85	80	82	82	8.1	47.0	
9	20.8	19.2	19.3	19.8	81	71	79	77	7.8	80.0	
10	19.5	20.9	17.2	19.2	87	90	80	86	3.1	101.0	3.05
11	17.0	20.5	16.5	18.0	72	74	67	71	7.1	122.0	1.02
12	17.7	19.5	20.5	19.2	71	69	83	74	9.0	114.0	
13	21.3	23.2	20.2	21.6	84	81	78	81	8.6	109.0	
14	16.8	15.2	15.5	15.8	87	64	74	75	4.8	145.0	9.65
15	15.5	17.7	18.6	17.3	72	72	79	74	9.3	193.0	
16	16.0	16.3	16.1	16.1	85	83	70	79	3.0	163.0	14.22
17	17.0	17.0	17.4	17.1	79	71	87	79	3.2	174.0	7.87
18	13.8	13.8	13.9	13.8	68	60	65	64	7.3	179.0	
19	16.0	16.4	15.3	15.9	77	67	77	74	5.6	103.0	
20	13.6	17.0	12.8	14.5	66	69	62	66	9.1	182.0	
21	14.6	17.4	22.9	15.0	60	66	85	70	8.6	129.0	
22	12.7	18.4	15.0	15.4	53	71	69	64	9.2	130.0	
23	12.1	16.3	14.4	14.3	56	70	67	64	9.4	113.0	
24	11.1	13.6	12.8	12.5	55	59	62	59	5.3	209.0	
25	11.8	10.0	9.7	10.5	58	40	50	49	8.8	261.0	
26	13.4	16.1	12.6	14.0	71	74	67	71	3.0	286.0	0.76
27	15.4	13.1	13.6	14.0	75	56	72	68	7.4	187.0	
28	12.8	18.0	14.8	15.2	56	77	73	69	4.2	238.0	
29	16.2	15.7	14.2	15.4	95	88	75	86	2.0	166.0	6.35
30	13.8	15.4	12.5	13.9	68	94	72	78	1.8	142.0	1.78
31											
	16.26	17.82	16.75	16.84	71.9	71.4	74.3	72.5	6.90	153.73	1.49

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71 year averages are for period, 1875-1945

NOVEMBER 1950

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	2cu	0.7	0	1nw	2sw	calm	
2	7cu-ci	1cu	0	2.7	2sw	1nw	1nw	light	
3	7cu-ci	7ci	0	4.7	1sw	2n	1n	"	
4	3ci-cu	8cu-st	2cu	4.3	1sw	2ne	2ne	"	
5	0	0	0	0.0	1ne	3ne	2ne	"	
6	2ci	6ci	3cu	3.7	1sw	2w	1w	light	D., a.m. p.m.
7	2cu	0	0	0.7	1sw	1n	1n	calm	" "
8	8ci-cu	3ci-cu	9ci-st	6.7	0	1n	0	"	" "
9	10st-ci	7ci-st	4ci-cu	7.0	0	1ne	2ne	light	
10	10st-ni	8ni-cu	1cu	6.3	1ne	1ne	1se	calm	
11	1cu	6cu	0	2.3	1e	2ne	1ne	light	
12	2ci	0	0	0.7	1sw	1ne	1e	"	
13	1cu	4cu	2cu	2.3	1sw	2w	1w	calm	D., a.m.
14	10ni	7cu-ci	1cu	6.0	2sw	1e	1se	light	W. a.m.
15	0	0	1cu	0.3	2e	3ne	2ne	slight	Good visibility
16	10ni	9cu-ni	7cu	8.7	1ne	1sw	2sw	slight	Snow on mountains
17	7cu	9cu-ni	3cu	6.3	1se	2sw	1se	light	
18	3cu	3cu	8cu	4.7	2s	2sw	1sw	slight	Tr., a.m.
19	10cu-ni	2cu	2cu	4.7	2w	1w	1n	light	
20	1ci-cu	2ci	0	1.0	2ne	2ne	1ne	"	
21	1cu	3cu-st	5cu	3.0	1e	1ne	2ne	light	
22	8st-ci	2cu	0	3.3	1se	2ne	1ne	"	
23	0	0	8ci	2.7	0	1ne	1ne	"	
24	10st-cu	9st-cu	2cu	7.0	1s	2ne	1ne	slight	Tr., p.m.
25	2ci	3ci	3ci-cu	2.7	2ne	3ne	1ne	"	
26	8cu-ni	8cu-ni	8ci-cu	6.3	1se	3w	1se	light	
27	6cu	4cu	2ci	4.0	2sw	2w	1ne	"	
28	10st	8st-cu	6cu	8.0	3sw	3w	1sw	slight	
29	10ni-cu	10cu-ni	5cu	8.3	1se	1n	1n	"	Tr., p.m.
30	8cu	10-ni	2cu	6.7	1se	1sw	1ne	light	Th., p.m.
31				4.19					

Abbreviations: — G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	5	3	5	2	10	1	0	4	30
14:30	4	13	1	0	0	4	6	2	0	30
20:30	4	13	1	4	0	4	2	1	1	30
Total	8	31	5	9	2	18	9	3	5	90

Number of days with rain 8, fog 0, thunderstorms 1, gale 0.

71 yr. av. number of days with rain during month 9.4